



Department of
**Finance &
Administration**

Strategic
Technology Solutions

STS Career Opportunities

Date Posted: 07/26/16

Position Title: Enterprise Application Developer Lead

Location: Data Center North

Hiring Manager: Dasa Martin

Closing Date for Posting: 08/05/16

Job Overview Summary:

The State of Tennessee's Strategic Technology Solutions (STS) office is the centralized IT agency for the state's executive agencies. Its mission is to optimize the way the state capitalizes on IT in order to deliver better services to our citizens. Within STS, the Enterprise Application Developer Lead is responsible for creating and maintaining applications, programs, and procedures that the business would otherwise not be able to find. This position will be expected to understand the business, translate functional, and customer requirements into technical solutions, and execute on the needs in an effective and timely manner. This position will also be required to learn and support existing systems while also providing infrastructure support, as needed. All duties will be performed under limited to moderate oversight, so a proven ability to quickly understand and solve problems while providing clear and effective communication will be paramount.

Duties and Responsibilities:

- Team lead to the applications team will need to have experience and willingness to assist in the building of the applications team for the state.
- Work on client and internal programs and web applications with a team of developers.
- Research new technologies and general computer industry trends and developments to maintain technology edge and their potential application of service offerings and products.
- Proactively find new ways of expanding our current solutions.
- Develop improvements to existing applications to make support easier and more automated.
- Ensure project tasks are completed as scheduled and to specification.
- Drive continuous improvements efforts to support both in-team and cross-team efforts, actions and deliverables.
- Work with team members to debug problems that arise throughout all aspects of an application, front-end and back-end.
- Continuously improve personal professional skills.

- Use creativity while working closely with the business or a teammate to gather requirements, and then use them to build new solutions that fit within our architecture framework through the use of programming languages such as JAVA, JavaScript, .NET (C#), database programming methodologies or potentially new technologies, as needed.
- Maintenance and application support – provide troubleshooting and modifications to existing programs to meet support needs to the business. Suggest potential enhancements that can improve support efforts, performance or accuracy of information.
- Establish a detailed program specification through discussion with clients; clarify what actions the program is intended to perform; breaking down program specification into its simplest elements and translating this logic into a programming language.
- Devise possible solutions to anticipated problems; working as part of a team, which may be established purely for a particular project to write a specific section of the program; combining all elements of the program design and testing it; testing sample data-sets to check that output from the program works as intended.
- Conduct testing and installing the program into production; reacting to problems and correcting the program as necessary.
- Evaluate and increase the program's effectiveness and adapting the program to new requirements, as necessary.
- Conduct user-acceptance testing to ensure the program can be used easily, quickly and accurately; writing detailed documentation for the operation of the program by users and computer operators; consulting manuals, periodicals and technical reports to learn new ways to develop programs and maintain existing skills and knowledge.
- Update, repair, modify and develop existing software and generic applications.
- Provide infrastructure support.
- Provide time estimates for projects.

Minimum Qualifications and Required Experience:

- Bachelor's degree in Computer Science, Information Systems or related field, or equivalent experience.
- Proven success working in a fast-paced environment where priorities and requirements change quickly.
- Previous experience in application and/or infrastructure support.
- 5+ years of web-based application development, using but limited to JAVA, JavaScript, .NET and database programming languages.
- Strong verbal and written communication skills.
- Proven ability to learn, modify, and improve existing code.
- Strong problem solving and organizational skills.
- 2+ years of experience working in a team environment with minimal supervision.
- Proven experience working across IT functions, vendors, and customers to deliver results.

Required Skills and Experience:

- 5+ years of experience with database development in Oracle (T-SQL & PL/SQL)
- 2+ years of experience developing HTML, CSS, and JavaScript, JAVA
- General knowledge working with Windows and Linux (RHEL) environments
- High-level programming and related technical skills; ingenuity and creativity; logical approach to problem solving; and analytical capabilities.
- Ability to work under pressure; attention to detail; and tenacity and patience.
- Communication skills - including the ability to convey information to non-technical colleagues in a concise and clear way; and possess an understanding of business processes and constraints.

Preferred Experience:

- Previous experience with:
 - Apache
 - Apache Commons BeanUtils
 - Bouncy Castle
 - Drupal
 - Enterprise Java Beans
 - Hibernate
 - J2EE
 - JavaServer Faces
 - Jboss
 - Junit
 - Spring Framework
- Previous experience doing business intelligence and analytics development.
- Proven examples of an ability to adapt to and learn new technologies and features with limited direction or guidance.
- Previous experience working with Tableau Server or a similar data visualization tool's infrastructure and application.
- Strong working knowledge of infrastructure components and how they relate to application support.

Only candidates who meet the minimum requirements for the position will be interviewed. Please submit resume to:

Savita Boutot
615-741-2709
savita.boutot@tn.gov

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